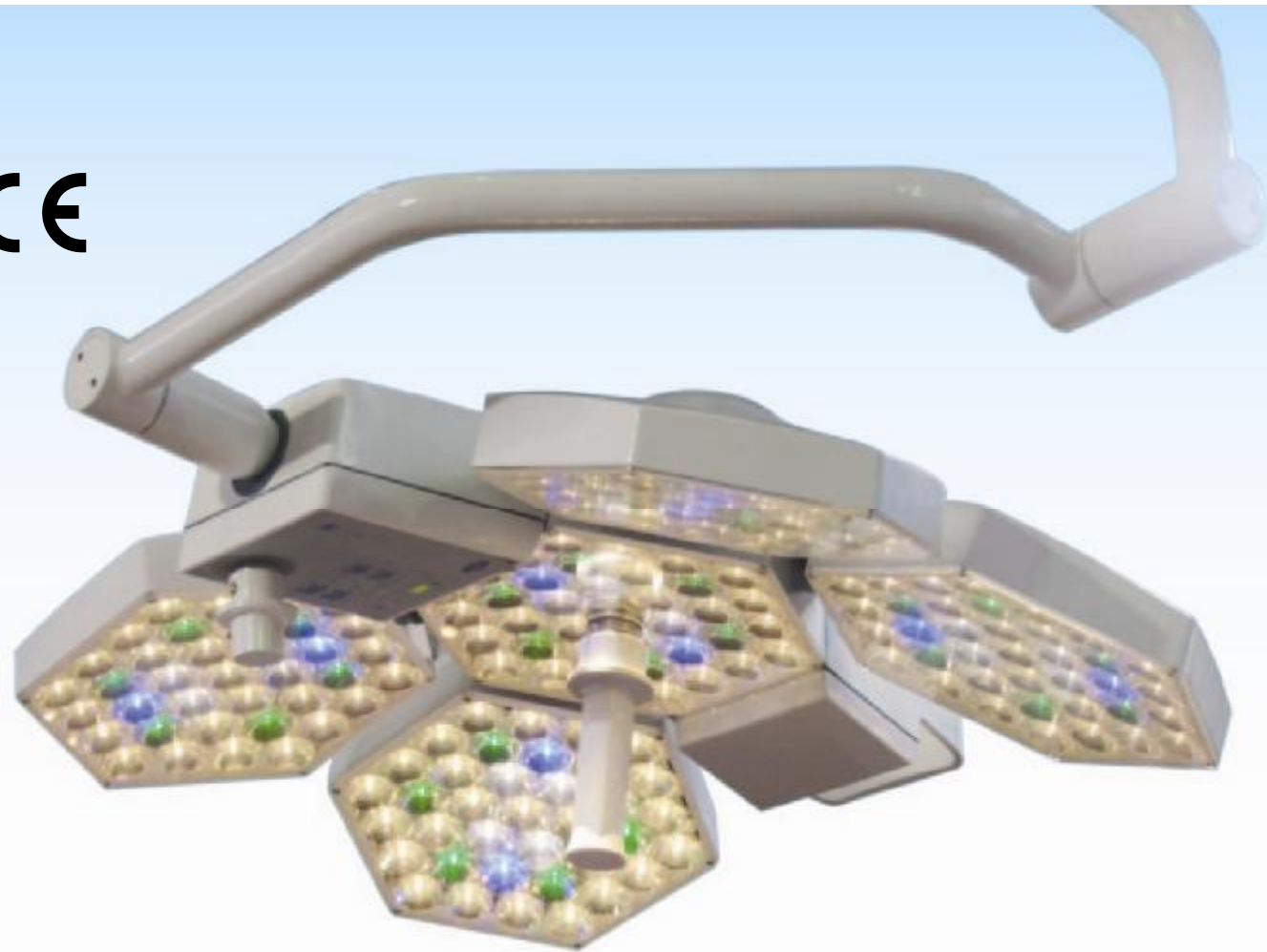


ISO9001:2000
ISO13485:2008



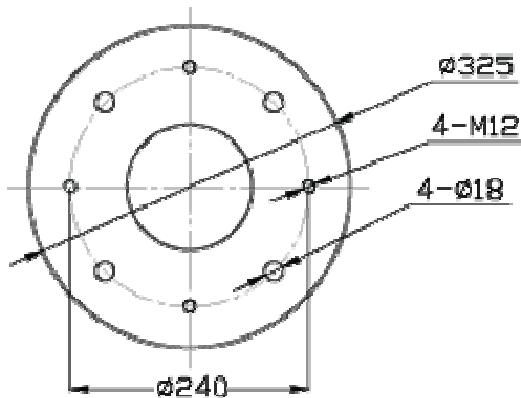
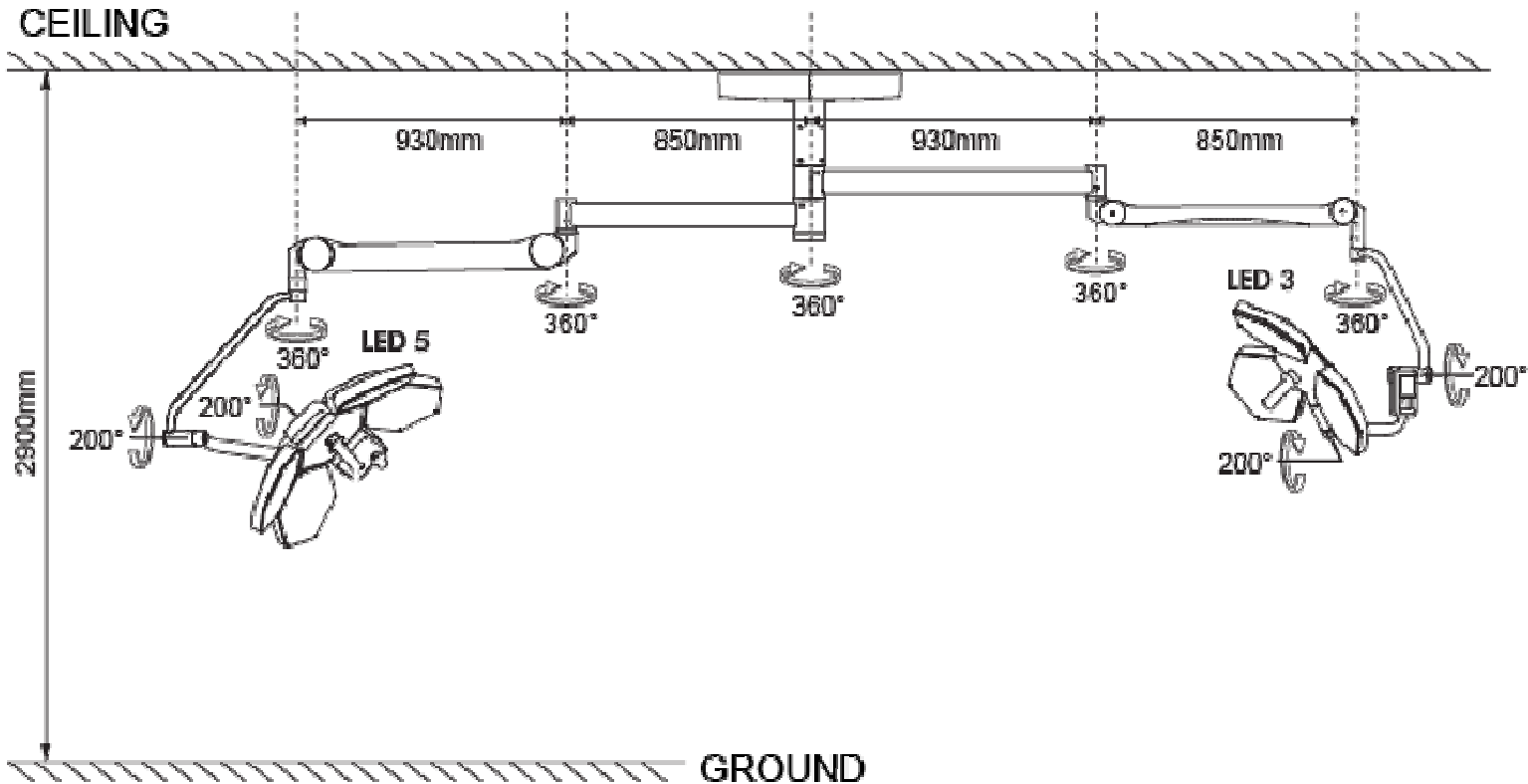
SY02-LED SERIES

SHADOWLESS OPERATING LAMP



PIOWAY MEDICAL LAB EQUIPMENT CO., LTD.

INSTALLATION DIAGRAM



The attentions to install fixed plate:

The ceiling must be able to load 500kg weight.

If the height of ceiling is more than 3.2m, you must fix a extension frame. (You may order from our factory.)

User's ground wire should reliably connect with product's ground terminal (yellow green line).

The ceiling mounted shadowless operating lamp is belong to heavy pensile product, its safe service period is 10 years.

If the product has any change, subject to change without prior notice.

(Apply to various kind of ceiling mounted operating lamp.)

SY02-LED Series Shadowless Operating Lamp

- I SY02-LED5+5-TV Shadowless Operating Lamp (Camera)
- I SY02-LED5+5 Shadowless Operating Lamp (Camera)
- I SY02-LED3+5-TV Shadowless Operating Lamp (Camera)
- I SY02-LED3+5 Shadowless Operating Lamp (Camera)
- I SY02-LED5+5 Shadowless Operating Lamp
- I SY02-LED3+5 Shadowless Operating Lamp
- I SY02-LED3+3 Shadowless Operating Lamp
- I SY02-LED5 Shadowless Operating Lamp
- I SY02-LED3 Shadowless Operating Lamp
- I SY02-LED3W Shadowless Operating Lamp (On wall)
- I SY02-LED3S Shadowless Operating Lamp (On stand)
- I SY02-LED3E Shadowless Operating Lamp (Emergency on stand)
- I SY02-LED5+5 Shadowless Operating Lamp (Color temperature Adjustable)
- I SY02-LED3+5 Shadowless Operating Lamp (Color temperature Adjustable)
- I SY02-LED3+3 Shadowless Operating Lamp (Color temperature Adjustable)
- I SY02-LED5 Shadowless Operating Lamp (Color temperature Adjustable)
- I SY02-LED3 Shadowless Operating Lamp (Color temperature Adjustable)
- I SY02-LED3W Shadowless Operating Lamp (Color temperature Adjustable) (On wall)
- I SY02-LED3S Shadowless Operating Lamp (Color temperature Adjustable) (On stand)
- I SY02-LED3E Shadowless Operating Lamp (Color temperature Adjustable) (Emergency on stand)

SY02-LED5+5-TV Shadowless Operating Lamp (Camera)



worktable

Technical Data:

Central illuminance-----	160.000 Lux /160.000 Lux
Size of light field-----	200 - 350 mm
Colour temperature -----	4500 K
Color reduction index-----	96
Service life of illuminant-----	30.000 h
Total irradiance-----	510W/m ²
Definition-----	>600 TVL
SNR-----	>46 db
Camera shooting distance(m)-----	0.8~2
Foci-----	F3.66~91.36 mm
Double ratio-----	22 double
Video frequency export:-----	1.0Vp-p75 Ω
Vidicon power supply-----	12VDC ± 10%
Video frequency transceiver-----	plast-off frequency: 1.2GHZ
Lowest height of installation-----	3100 mm

SY02-LED5+5 Shadowless Operating Lamp (Camera)



worktable

Central illuminance-----	160.000 Lux /160.000 Lux
Size of light field-----	200 - 350 mm
Colour temperature -----	4500 K
Color reduction index-----	96
Service life of illuminant-----	30.000 h
Total irradiance-----	510W/m ²
Definition-----	>600 TVL
SNR-----	>46 db
Camera shooting distance(m)-----	0.8~2
Foci-----	F3.66~91.36 mm
Double ratio-----	22 double
Video frequency export:-----	1.0Vp-p75 Ω
Vidicon power supply-----	12VDC ± 10%
Video frequency transceiver-----	plast-off frequency: 1.2GHZ
Lowest height of installation-----	3100 mm

SY02-LED3+5-TV Shadowless Operating Lamp (Camera)



worktable

Technical Data:

Central illuminance-----	100.000 Lux /160.000 Lux
Size of light field-----	200 - 350 mm
Colour temperature -----	4500 K
Color reduction index-----	96
Service life of illuminant-----	30.000 h
Total irradiance-----	LED3:380W/m ² LED5:510W/m ²
Definition-----	>600 TVL
SNR-----	> 46 db
Camera shooting distance(m)-----	0.8~2
Foci-----	F3.66~91.36 mm
Double ratio-----	22 double
Video frequency export:-----	1.0Vp-p75 Ω
Vidicon power supply-----	12VDC ± 10%
Video frequency transceiver-----	plast-off frequency: 1.2GHZ
Lowest height of installation-----	3100 mm

SY02-LED3+5 Shadowless Operating Lamp (Camera)



worktable

Technical Data:

Central illuminance-----	100.000 Lux /160.000 Lux
Size of light field-----	200 - 350 mm
Colour temperature -----	4500 K
Color reduction index-----	96
Service life of illuminant-----	30.000 h
Total irradiance-----	LED3:380W/m ² LED5:510W/m ²
Definition-----	>600 TVL
SNR-----	>46 db
Camera shooting distance(m)-----	0.8~2
Foci-----	F3.66~91.36 mm
Double ratio-----	22 double
Video frequency export:-----	1.0Vp-p75 Ω
Vidicon power supply-----	12VDC ± 10%
Video frequency transceiver-----	plast-off frequency: 1.2GHZ
Lowest height of installation-----	3100 mm

SY02-LED5+5 Shadowless Operating Lamp



Technical Data:

Central illuminance:-----	160.000/160.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	4500 K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	510W/m ²
Lowest height of installation-----	2900 mm

SY02-LED3+5 Shadowless Operating Lamp



Technical Data:

Central illuminance:-----	LED3:100.000Lux
	LED5:160.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	4500 K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	LED3: 380W/m ²
	LED5: 510W/m ²
Lowest height of installation-----	2900 mm

SY02-LED3+3 Shadowless Operating Lamp



Technical Data:

Central illuminance:-----	100.000/100.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	4500 K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	380W/m ²
Lowest height of installation-----	2900 mm

SY02-LED5 Shadowless Operating Lamp



Technical Data:

Central illuminance:-----	160.000 Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	4500 K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	510W/m ²
Lowest height of installation-----	2900 mm

SY02-LED3 Shadowless Operating Lamp



Technical Data:

Central illuminance:-----	100.000 Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	4500 K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	380W/m ²
Lowest height of installation-----	2900 mm

SY02-LED3W Shadowless Operating Lamp (On wall)



Technical Data:

Central illuminance:-----	100.000 Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	4500 K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	380W/m ²
Lowest height of installation-----	2300 mm

SY02-LED3S Shadowless Operating Lamp (On stand)



Technical Data:

Central illuminance:-----	100.000 Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	4500 K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	380W/m ²

SY02-LED3E Shadowless Operating Lamp (Emergency on stand)



Technical Data:

Central illuminance:-----	100.000 Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	4500 K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	380W/m ²
Emergency time-----	3 hours

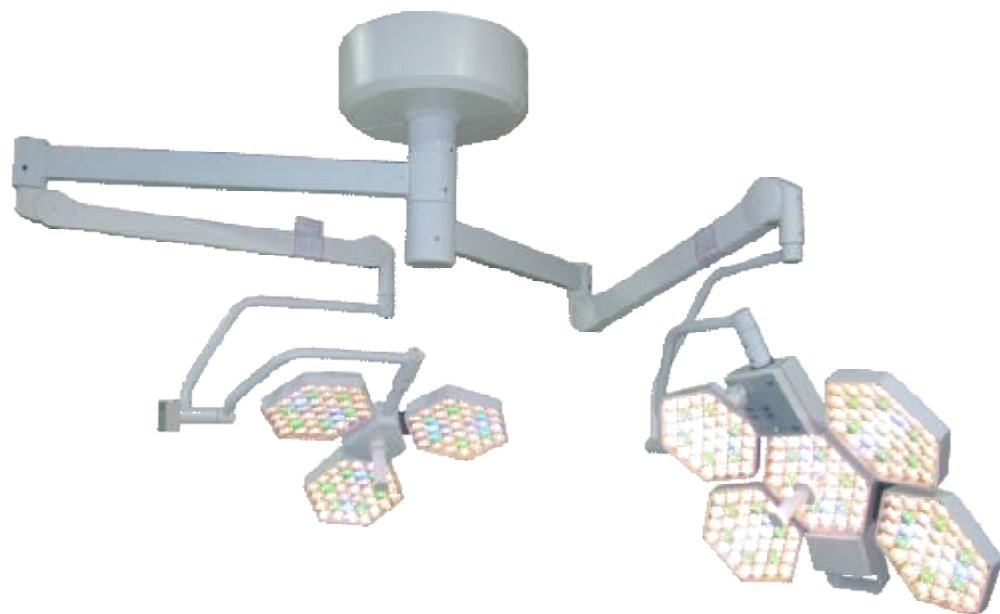
SY02-LED5+5 Shadowless Operating Lamp (Color temperature adjustable)



Technical Data:

Central illuminance:-----	160.000/160.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	3500K, 4000K, 4500K, 5000K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	510W/m ²
Lowest height of installation-----	2900 mm

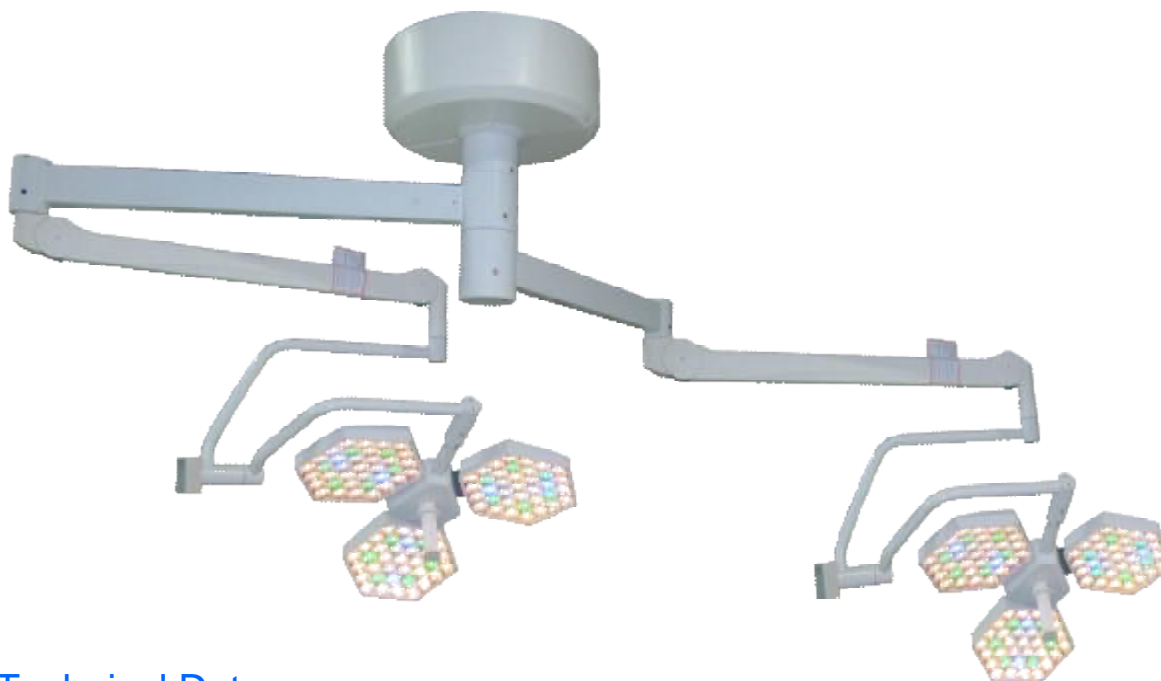
SY02-LED3+5 Shadowless Operating Lamp (Color temperature adjustable)



Technical Data:

Central illuminance:-----	LED3:100.000Lux LED5:160.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	3500K4000K, 4500K, 5000K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	LED3: 380W/m ² LED5: 510W/m ²
Lowest height of installation-----	2900 mm

SY02-LED3+3 Shadowless Operating Lamp (Color temperature adjustable)



Technical Data:

Central illuminance:-----	100.000/100.000Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	3500K, 4000K, 4500K, 5000K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	380W/m ²
Lowest height of installation-----	2900 mm

SY02-LED5 Shadowless Operating Lamp (Color temperature adjustable)



Technical Data:

Central illuminance:-----	160.000 Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	3500K, 4000K, 4500K, 5000K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	510W/m ²
Lowest height of installation-----	2900 mm

SY02-LED3 Shadowless Operating Lamp (Color temperature adjustable)



Technical Data:

Central illuminance:-----	100.000 Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	3500K, 4000K, 4500K, 5000K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	380W/m ²
Lowest height of installation-----	2900 mm

SY02-LED3W Shadowless Operating Lamp (Color temperature adjustable) (On Wall)



Technical Data:

Central illuminance:-----	100.000 Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	3500K, 4000K, 4500K, 5000K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	380W/m ²
Lowest height of installation-----	2300 mm

SY02-LED3S Shadowless Operating Lamp (Color temperature adjustable) (On stand)



Technical Data:

Central illuminance:-----	100.000 Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	3500K, 4000K, 4500K, 5000K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	380W/m ²

SY02-LED3E Shadowless Operating Lamp (Color temperature adjustable) (Emergency on stand)



Technical Data:

Central illuminance:-----	100.000 Lux
Size of light field: -----	200 - 350 mm
Colour temperature: -----	3500K, 4000K, 4500K, 5000K
Color reduction index: -----	96
Service life of illuminant: -----	30.000h
Total irradiance-----	380W/m ²
Emergency time-----	3 hours